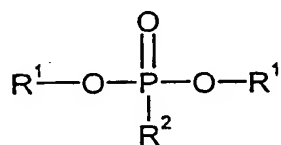
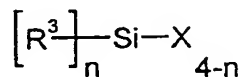


WHAT IS CLAIMED IS:

1. A poly(ester)carbonate composition comprising at least one phosphorus-silicon compound, said compound having a phosphorus content of 1 to 20 % and a silicon content of 1 to 20 %, and characterized in that its weight loss assessed by thermogravimetric analysis under nitrogen inert gas at a heating rate of 20° K/min, at 280°C is less than 30 % the cited percents, all occurrences, referring to the weight of the phosphorus-silicon compound.
2. The composition according to Claim 1 wherein the phosphorus content is 3 to 17 wt.% and the silicon content is 3 to 17 wt.%.
3. The composition according to Claim 1 wherein the phosphorus content is 5 to 15 wt.% and the silicon content is 5 to 15 wt.%.
4. The composition according to Claim 1 wherein the phosphorus-silicon compound, is the product of thermally induced oligomerization from at least one phosphorylated silane, said silane being the product of a reaction of at least one phosphonic acid ester having the general formula (I) with at least one halosilane having the general formula (II),



(I)



(II)

wherein

n is 0 to 3,

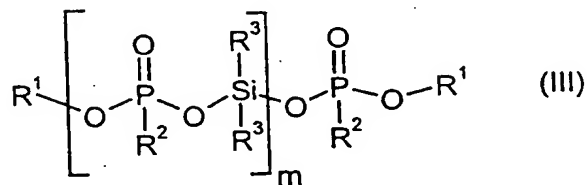
X represents a halogen atom,

R^1 mutually independently represents hydrogen or C_1 - C_4 alkyl,

R^2 represents a member selected from the group consisting of aryl radical, alkyl radical, aryloxy radical, alkoxy radical and hydrogen and

R^3 mutually independently represents a member selected from the group consisting of alkyl radical, aryl radical and aryl radical substituted with C_1 - C_4 alkyl.

5. The composition according to Claim 1 wherein the phosphorus-silicon compound conforms to general formula (III),



wherein

R^1 mutually independently represents hydrogen or C_1 - C_4 alkyl,

R^2 represents a member selected from the group consisting of aryl radical, alkyl radical, aryloxy radical, alkoxy radical and hydrogen and

R^3 mutually independently represents a member selected from the group consisting of alkyl radical, aryl radical and aryl radical substituted with C_1 - C_4 alkyl

5 and

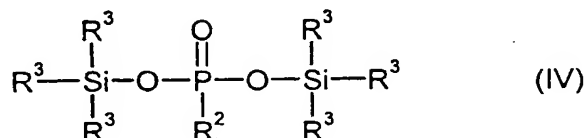
m denotes 2 to 1000.

6. The composition according to Claim 5 wherein the phosphorus-silicon compound is one in which at least 10 mol% of the substituents R^2 and R^3 are aryl or aryloxy radicals.

7. The composition according to Claim 5 wherein at least 40 mol% of the substituents R^2 and R^3 are aryl or aryloxy radicals.

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8. The composition according to Claim 1 wherein the phosphorus-silicon compound conforms to general formula (IV),



wherein

20

R^2 represents a member selected from the group consisting of aryl radical, alkyl radical, aryloxy radical, alkoxy radical and hydrogen

R^3 stands for phenyl, cresyl or xylyl.

25

9. The composition according to Claim 1 containing 0.05 to 30 parts by weight of the phosphorus-silicon compound, relative to 100 parts by weight of a polycarbonate composition.
- 5 10. The composition according to Claim 1 containing 0.1 to 20 parts by weight of the phosphorus-silicon compound, relative to 100 parts by weight of a polycarbonate composition.
- 10 11. The composition according to Claim 1 containing 1.5 to 8 parts by weight of the phosphorus-silicon compound, relative to 100 parts by weight of a polycarbonate composition.
12. The composition according to Claim 1 in which the poly(ester)carbonate (A) is present in an amount of
- 15 A) 60 to 100 parts by weight, the composition further containing
- B) 0 to 40 parts by weight of at least one polymer selected from the group consisting of vinyl (co)polymers, rubber-modified vinyl (co)polymers and aromatic polyesters,
- 20 C) 0 to 5 parts by weight of fluorinated polyolefin and
- D) up to 20 parts by weight of other polymers and/or conventional polymer additives,
- 25 the parts by weight of components A to D totaling 100.
13. The composition according to Claim 12, wherein component B) is a graft polymer of
- 30

- 5 B.1 5 to 95 wt.% of monomers of a mixture comprising 50 to 99 wt.%
of at least one member selected from the group consisting of vinyl
aromatic, ring-substituted vinyl aromatic and methacrylic acid
(C₁-C₈) alkyl ester and 1 to 50 wt.% of at least one member
selected from the group consisting of vinyl cyanides, (meth)acrylic
acid (C₁-C₈) alkyl esters and derivatives of unsaturated carboxylic
acids on
- 10 B.2 95 to 5 wt.% of one or more rubbers having glass transition
temperatures <0°C as graft base.
14. The composition according to Claim 13, wherein the mixture B.1
contains 10 to 90 wt.% of at least one monomer selected from the group
consisting of styrene, α -methyl styrene and methyl methacrylate and 90 to
15 10 wt.% of at least one monomer selected from the group consisting of
acrylonitrile, maleic anhydride and methyl methacrylate.
15. Composition according to Claim 13, wherein the graft base B.2 is at least
one member selected from the group consisting of diene rubber, EP(D)M
20 rubber, acrylate rubber, silicone rubber and silicone-acrylate composite
rubber.
16. The composition according to Claim 12, wherein vinyl (co)polymer is the
product of polymerization of 50 to 99.% of at least one monomer selected
25 from the group consisting of styrene, α -methyl styrene, p-methyl styrene,
p-chlorostyrene and methacrylic acid (C₁ to C₈) alkyl ester, and 1 to 50 %
of at least one monomer selected from the group consisting of
acrylonitrile, methacrylonitrile and (meth)acrylic acid (C₁-C₈) alkyl ester,
the percents, both occurrences being relative to the weight of the
30 vinyl(co)polymer .

17. The composition according to Claim 1 further containing at least one additive selected from the group consisting of heat stabilizer, hydrolysis stabilizer, light stabilizer, flow control agent, processing aid, lubricant, release agent, UV absorber, antioxidant, antistatic, preservative, coupling agent, filler, reinforcing agent, dye, pigment, nucleating agent, foaming agent flame-retarding additive other than a phosphorus-silicon compound, and smoke suppressant.
- 10 18. A molded article comprising the composition according to Claim 1.